

# New Mexico ACTS Propagation Terminal Status

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# NM APT



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# Topics

- Changes
- Availability
- Analysis

# Changes

- Thermal cutout switch failed in the receiver enclosure at the end of May; replaced it during July
- WWW just stopped receiving; still diagnosing the problem

# Availability

- Lost data in June due to thermal switch failure
- Lost some data in October - cause unknown but probably due to someone laying an object on the keyboard
- No rain events lost

# Availability

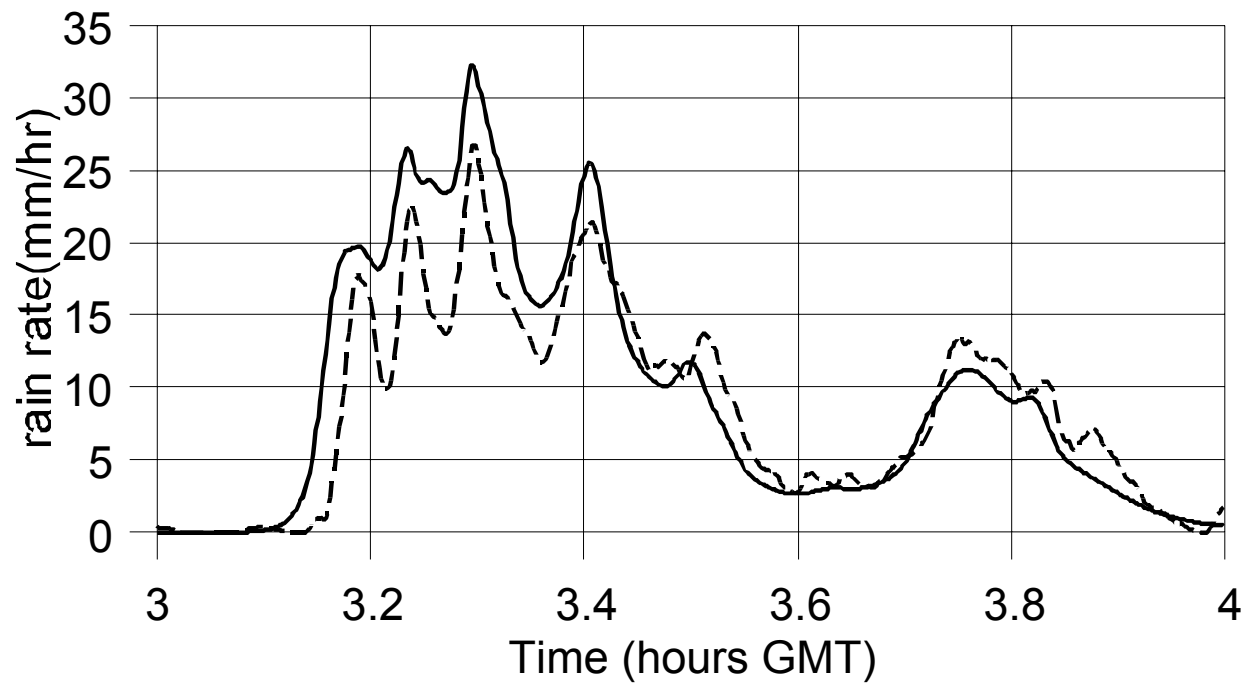
	Data	Gap	
Month	Seconds	Seconds	Availability
June	1999492	592508	77.1%
July	2675824	2576	99.9%
August	2768400	0	100.0%
September	2591758	242	100.0%
<b>Total</b>	10035474	595326	94.4%

# Analysis

- Detailed examination of the rain rates derived from the Capacative Rain Gauge and the Tipping Bucket Rain Gauge
  - Total accumulations show the same general values (usually to within  $\pm 1$  mm on all but trace events)
  - Instantaneous rain rates can be very different with the TBRG looking more realistic

# Analysis

## CRG and TBRG 2 minute average



—— TBRG      - - - - CRG  
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# Analysis

## CRG and TBRG 2 minute average

